

**Note: Items 4-14 may be addressed by completing Appendix B “Supporting Information Requested in Items 4 through 14 of NRH Form 5.”**

#### **4. Individual User(s)**

Regulations: 180 NAC 15-027

**Criteria:** *The Authorized User (AU) must be able to demonstrate competency in use, maintenance and transfer of a device by satisfactory completion of an eight hour course provided by the manufacturer of the device or an Agency approved course.*

A fixed gauge licensee does not have to list the name of each authorized users (AU) in the application. Radioactive material shall only be used by, or under the supervision and in the physical presence of, individuals who have successfully completed a manufacturer's or Agency approved training program for gauge users. Authorized users need to be approved in writing by the Radiation Safety Office

Maintaining documentation of training (including valid training certificates) for each user on file for inspection purposes is required to demonstrate that personnel are adequately trained.

The training program must provide that all AUs will complete either:

A manufacturer's training course consisting of 8 hours:

**Or**

An Agency approved course. In order to approve a training course the Agency will need a description of the training, including the topics covered in the training, the time to be spent on each topic, and the name and qualifications of the instructor. The training should be equivalent to that provided in the device manufacturer's training program. An instructor should have training in radiation safety and hands on experience. See Appendix I.

#### **Response from Applicant:**

- Provide this statement: “The radiation safety officer will maintain documentation of training for authorized users and his/her approval of the authorized user.”

#### **4.A. Training for Individual Who in the Course of Employment Are Likely to Receive Occupational Doses of Radiation in Excess of 1 mSv (100 mrem) in a Year (Occupationally Exposed Workers) and Ancillary Personnel**

Regulations: 180 NAC 10-002 through 10-004, 180 NAC 4-031 and 4-032 and 180 NAC 3-011

**Criteria:** *Individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year must receive training according to 180 NAC 10-003. The extent of this training must be commensurate with potential radiological health protection problems present in the work place.*

Licensees need to perform a prospective evaluation to determine radiation doses likely to be received by different individuals or groups. AUs, and individuals performing installations, relocations, non-routine maintenance, or repairs would be most likely to receive doses in excess of 1 mSv (100 mrem) in a year. See the previous section for a discussion of training and experience for Individual User(s). Licensee personnel who work in the vicinity of a fixed gauge but do not use gauges (ancillary staff) are not required to have radiation safety training as long as they are not likely to receive 1 mSv (100 mrem) in a year. However, to minimize potential radiation exposure when ancillary staff are working in the vicinity of a fixed gauge, it is prudent for them to work under the supervision and in the physical presence of an AU or to be provided some basic radiation safety training. Such ancillary staff should be informed of the nature and location of the gauge and the meaning of the radiation symbol, and should be instructed not to touch the gauge and to keep away from it as much as their work permits.

Some ancillary staff, although not likely to receive doses over 1 mSv (100 mrem), should receive training to ensure adequate security and control of licensed material. Licensees may provide these individuals with training commensurate with their assignments in the vicinity of the gauge, to ensure the control and security of licensed material.

**Response from Applicant:** The applicant's training program, for individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year (occupationally exposed workers) and ancillary personnel, will be examined during inspections, but should not be submitted in the license application.